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LISTING OF CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Cancelled)
2. (Cancelled)
3. (Cancelled)
4. (Cancelled)
5. (Cancelled)
6. (Currently Amended) An optical imaging system for tissue examination, comprising:
 - a light source for emitting light ~~to a sample~~;
 - a small-diameter probe;
 - a fiber optic bundle, arranged in the probe, for guiding light from the light source to a tissue~~the sample~~;
 - a needle portion, which is arranged at a distal end of the probe for puncturing and insertion into the tissue;
 - light detecting means for detecting light received through the needle portion from the tissue~~reflected by the sample~~;
 - image generating means for generating an image on the basis of signals obtained by the light detecting means;
 - ~~a needle portion at the distal end of the probe with which the distal end of the probe is insertable into the sample; and~~
 - connecting means for detachably connecting the probe to at least one of the light source, the light detecting means, and the image generating means; and-
 - position adjusting means for adjusting the relative positional relation between the end face of the fiber bundle close to the light source such that the light emitted from the light source is incident on the fiber bundle.

7. (Cancelled)

8. (Currently Amended) The system according to Claim 67, wherein the position adjusting means is arranged inside the connecting means.

9. (Currently Amended) The system according to Claim 67, further comprising:
automatic control means for automatically controlling the position adjusting means.

10. (Currently Amended) The system according to Claim 67, further comprising:
first converging means, arranged between the end face of the fiber optic bundle close to the light source and the light source, for converging the light from the light source to the fiber bundle, wherein
the position adjusting means adjusts the relative positional relation between the first converging means and the end face of the fiber optic bundle close to the light source.

11. (Original) The system according to Claim 10, wherein the position adjusting means adjusts the position of the first converging means.

12. (New) The optical Imaging system as set forth in claim 6, wherein the light to be detected by the light detecting means is light from inside or deep part of the tissue.